

AMENDMENTS TO THE CLAIMS

15. (NEW) A method, in a computer system, of transferring information from a drawing device, which is configured to detect position data on a base by means of a position-coding pattern, which constitutes part of an abstract position-coding pattern, to an application in the computer system, said method comprising:

storing in a memory in the computer system position data coming from the drawing device;

determining, based on a location of said position data in the abstract position-coding pattern, which applications in the computer system are registered to utilize received data; and

transferring said position data from the memory to said applications.

16. (NEW) A method as claimed in claim 15, wherein said determining occurs on the basis of particulars in a register which comprises information about which applications utilize different parts of the position-coding pattern.

17. (NEW) A method as claimed in claim 16, wherein said determining occurs on the basis of a page identity of incoming data in the abstract position-coding pattern.

18. (NEW) A method as claimed in claim 15, wherein said determining occurs on the basis of particulars in a page-describing file.

19. (NEW) A method as claimed in claim 18, wherein the page-describing file corresponds to the location of incoming position data in the abstract position-coding pattern and comprises particulars about associated services, and wherein said determining also occurs on the basis of particulars in a register, containing information about which applications are associated with different services.

20. (NEW) A method as claimed in claim 15, wherein, in said determining, if an application is found to be registered to utilize received data, the application is informed about the existence of new position data in the memory.

21. (NEW) A method as claimed in claim 20, wherein, in said transferring, the application fetches said position data from the memory.

22. (NEW) A method as claimed in claim 21, wherein said position data is fetched on the basis of the contents of a page-describing file which contains information about the structure of the base relative to the received data.

23. (NEW) A computer program for transferring, in a computer system, information from a drawing device, which is adapted to detect position data in a position-coding pattern, to an application in the computer system, said computer program comprising instructions corresponding to:

storing in a memory in the computer system position data coming from the drawing device;

determining, based on a location of said position data in the position-coding pattern, which applications in the computer system are registered to utilize received data; and

transferring said position data from the memory to said applications.

24. (NEW) A digital storage medium comprising a computer program as claimed in claim 23.

25. (NEW) A device for transferring, in a computer system, information from a drawing device, which is configured to detect position data in a position-coding pattern, to an application in the computer system, said device comprising:

a storage handler which stores in a memory in the computer system position data coming from the drawing device;

a registration handler which determines, based on a location of said position data in the position-coding pattern, which applications in the computer system are registered to utilize received data; and

a transfer handler which enables transfer of said position data from the memory to said applications.

26. A device as claimed in claim 25, wherein said registration handler determines which applications in the computer system are registered to utilize received data, on the basis of

particulars in a register which comprises information about which applications utilize different parts of the position-coding pattern.

27. A device as claimed in claim 26, wherein said registration handler determines which applications in the computer system are registered to utilize received data, on the basis of a page identity of incoming data in the abstract position-coding pattern.

28. (NEW) A device as claimed in claim 25, wherein said registration handler determines which applications in the computer system are registered to utilize received data, on the basis of particulars in a page-describing file.

29. (NEW) A device as claimed in claim 28, wherein the page-describing file corresponds to the location of incoming position data in the abstract position-coding pattern and comprises particulars about associated services, and wherein said registration handler also determines which applications in the computer system are registered to utilize received data on the basis of particulars in a register, containing information about which applications are associated with different services.

30. (NEW) A device as claimed in claim 25, wherein, if an application is found to be registered to utilize received data, said registration handler informs the application about the existence of new position data in the memory.

31. (NEW) A device as claimed in claim 30, wherein said transfer handler provides for the application to fetch said position data from the memory.

32. (NEW) A device as claimed in claim 31, wherein said drawing device is configured to detect said positions from a base provided with said position-coding pattern, wherein said position data is fetched on the basis of the contents of a page-describing file which contains information about the structure of the base relative to the received data.

33. (NEW) A method, in a computer system, of identifying an application in the computer system to receive information from a drawing device which is configured to detect position data in a position-coding pattern, said method comprising:

receiving incoming position data from the drawing device;

deriving, based upon said incoming position data, a service identifier; and

identifying, based upon said service identifier, at least one application in the computer system.

34. (NEW) A method as claimed in claim 33, wherein said position-coding pattern is a subset of an abstract position-coding pattern, said deriving comprising deriving said service identifier based upon a location of said incoming position data in the abstract position-coding pattern.

35. (NEW) A method as claimed in claim 33, wherein said deriving of the service identifier occurs on the basis of particulars in a page-describing file.

36. (NEW) A method as claimed in claim 34, wherein said deriving of the service identifier occurs on the basis of particulars in a page-describing file, which corresponds to the location of said incoming position data in the abstract position-coding pattern and comprises said service identifier.

37. (NEW) A method as claimed in claim 36, wherein the page-describing file as such is associated with said service identifier.

38. (NEW) A method as claimed in claim 36, wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, said subset as a whole being associated with said service identifier.

39. (NEW) A method as claimed in claim 36, wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, a specific part of said subset being associated with said service identifier.

40. (NEW) A method as claimed in claim 33, wherein said deriving occurs on the basis of particulars in a register, which associates said position data with said at least one service identifier.

41. (NEW) A method as claimed in claim 33, wherein said identifying occurs on the basis of particulars in a register, which associates said service identifier with said at least one application.

42. (NEW) A computer program for identifying, in a computer system, an application in the computer system to receive information from a drawing device which is configured to detect position data in a position-coding pattern, said computer program comprising instructions corresponding to:

receiving incoming position data from the drawing device;
deriving, based upon said incoming position data, a service identifier; and
identifying, based upon said service identifier, at least one application in the computer system.

43. (NEW) A digital storage medium comprising a computer program as claimed in claim 42.

44. (NEW) A device for identifying, in a computer system, an application in the computer system to receive information from a drawing device which is configured to detect position data in a position-coding pattern, said device comprising:

a receiver which receives incoming position data from the drawing device;
a service handler which, based upon said incoming position data, derives a service identifier; and

a registration handler which, based upon said service identifier, identifies at least one application in the computer system.

45. (NEW) A device as claimed in claim 44, wherein said position-coding pattern is a subset of an abstract position-coding pattern, wherein said service handler derives said service identifier based upon a location of said incoming position data in the abstract position-coding pattern.

46. (NEW) A device as claimed in claim 44, wherein said service handler derives the service identifier on the basis of particulars in a page-describing file.

47. (NEW) A device as claimed in claim 45, wherein said service handler derives the service identifier on the basis of particulars in a page-describing file, and wherein the page-describing file corresponds to the location of said incoming position data in the abstract position-coding pattern and comprises said service identifier.

48. (NEW) A device as claimed in claim 47, wherein the page-describing file as such is associated with said service identifier.

49. (NEW) A device as claimed in claim 47, wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, said subset as a whole being associated with said service identifier.

50. (NEW) A device as claimed in claim 47, wherein the page-describing file corresponds to said subset of the abstract position-coding pattern, a specific part of said subset being associated with said service identifier.

51. (NEW) A device as claimed in claim 44, wherein said service handler derives said service identifier on the basis of particulars in a register, which associates said position data with said at least one service identifier.

52. (NEW) A device as claimed in claim 44, wherein said registration handler identifies said at least one application on the basis of particulars in a register, which associates said service identifier with said at least one application.

53. (NEW) A method of registering an application in a computer system, the application being configured to receive, in the computer system, position data which is generated when a drawing device is passed over part of an abstract position-coding pattern, which part is printed on a base, said method comprising: registering the application as associated with at least one service, part of the abstract position-coding pattern being registered in the computer system as associated with the service.

54. (NEW) A method as claimed in claim 53, wherein the application is registered as associated with a basic service and with an additional service, the additional service at least comprising all the functionality of the basic service.

55. (NEW) A computer program for registering an application in a computer system, the application being configured to receive in the computer system position data which is generated when a drawing device is passed over part of an abstract position-coding pattern, which part is printed on a base, said computer program comprising instructions corresponding to: registering the application as associated with at least one service, part of the abstract position-coding pattern being registered in the computer system as associated with the service.

56. (NEW) A computer program as claimed in claim 55, wherein the application is registered as associated with a basic service and with an additional service, the additional service at least comprising all the functionality of the basic service.

57. (NEW) A digital storage medium comprising a computer program as claimed in claim 55.